

FIG. 1

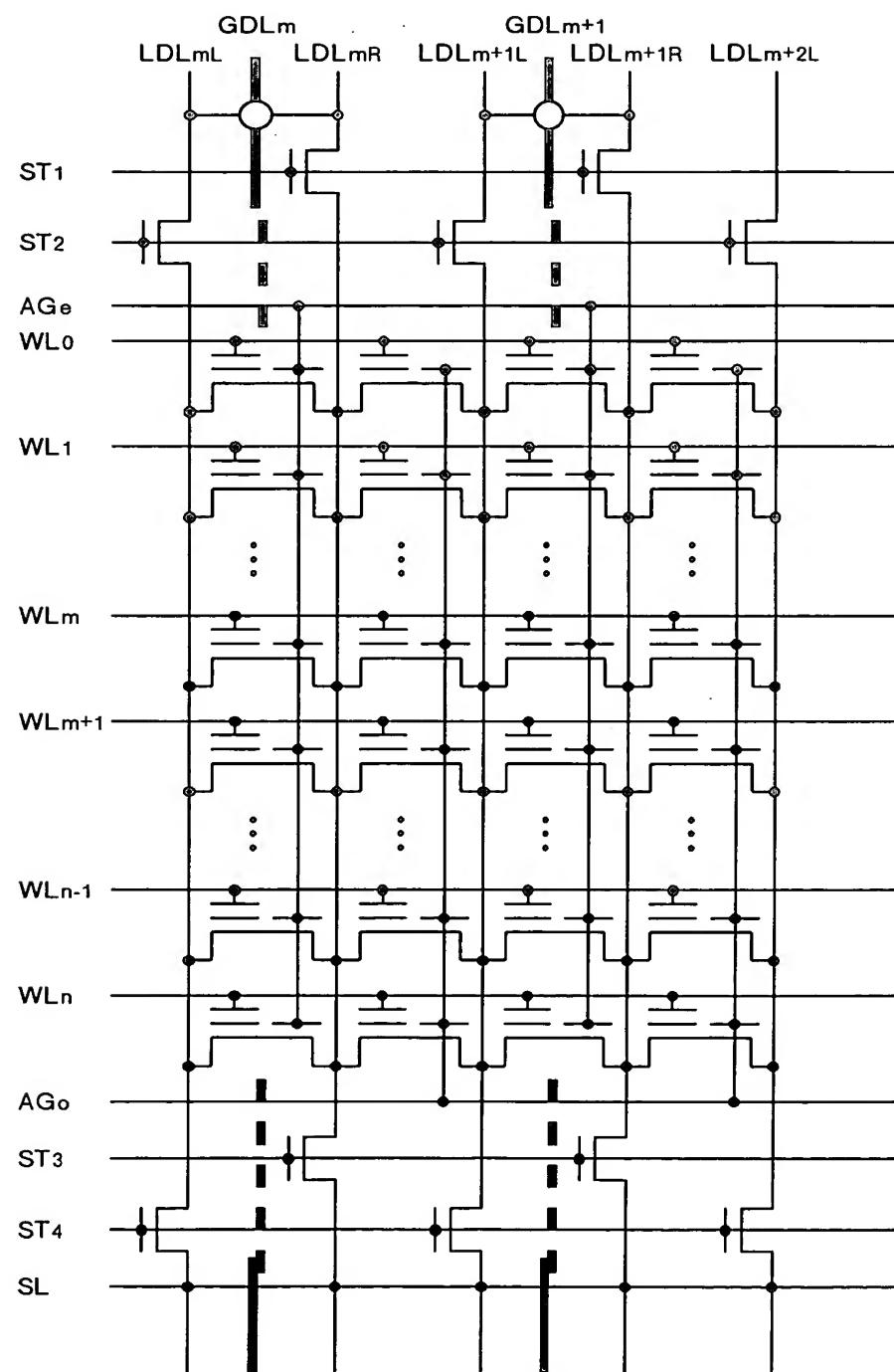


FIG. 2

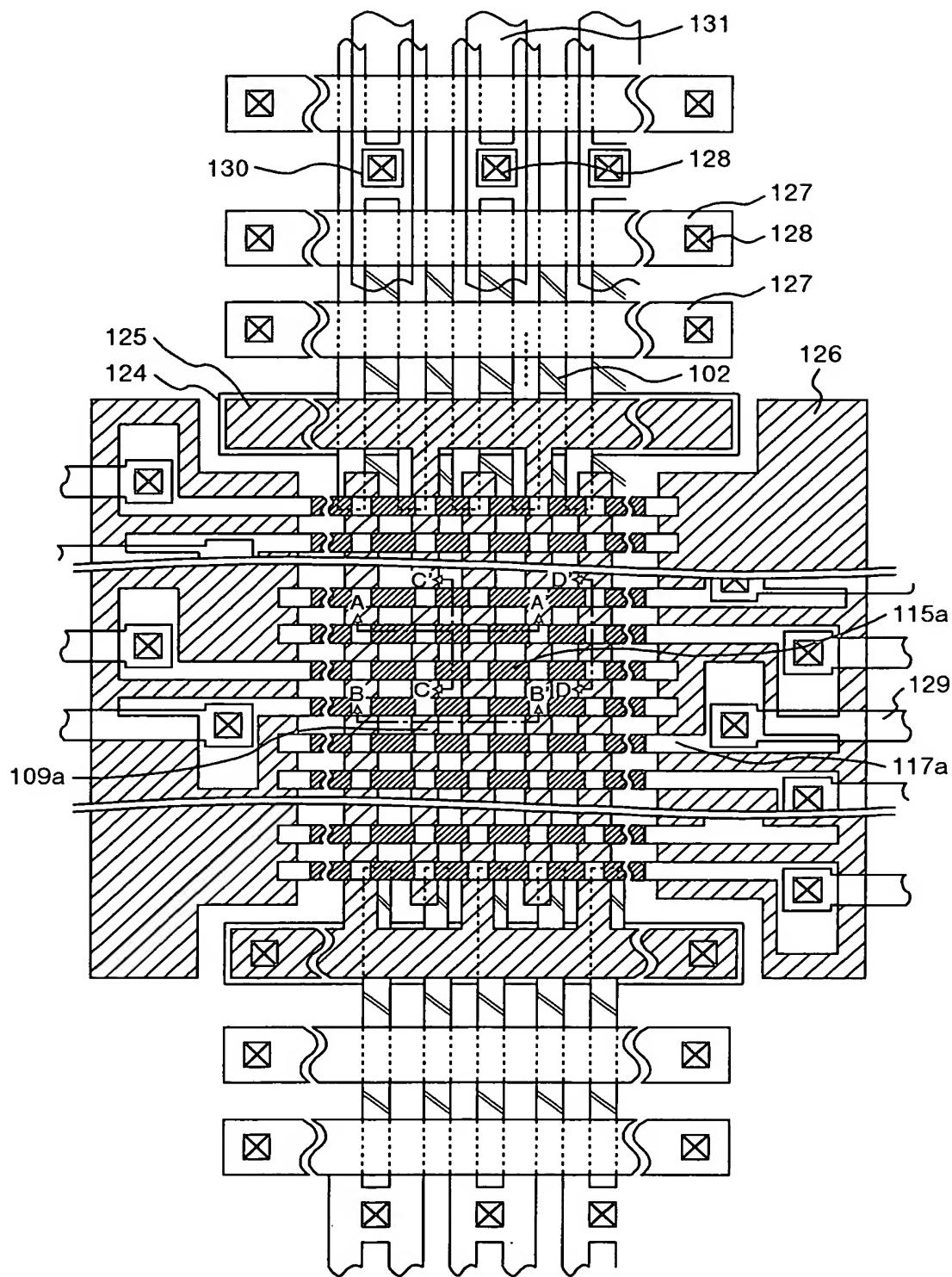


FIG. 3(a)

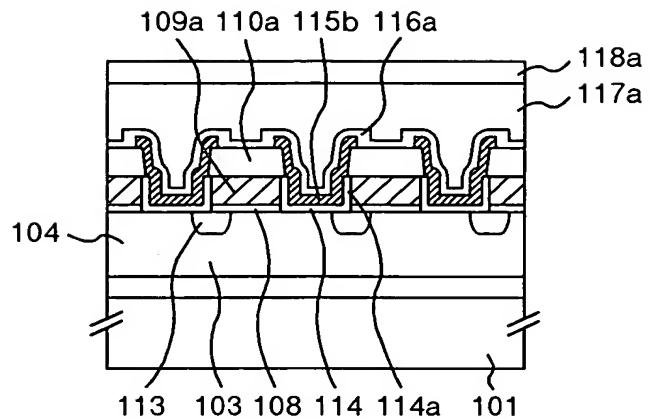


FIG. 3(b)

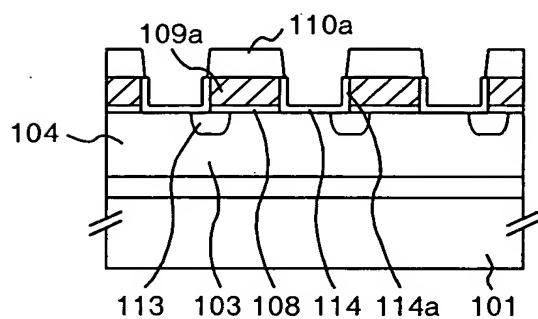


FIG. 3(c)

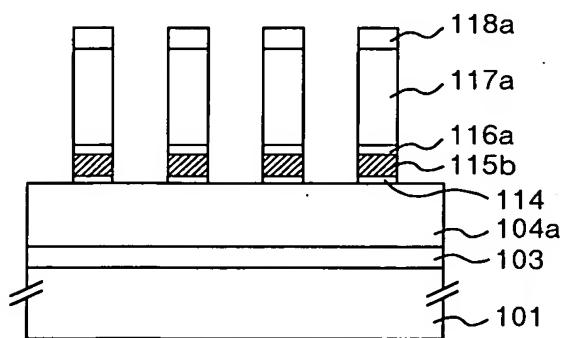


FIG. 3(d)

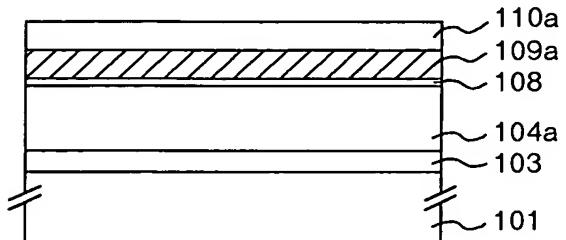


FIG. 4(a)

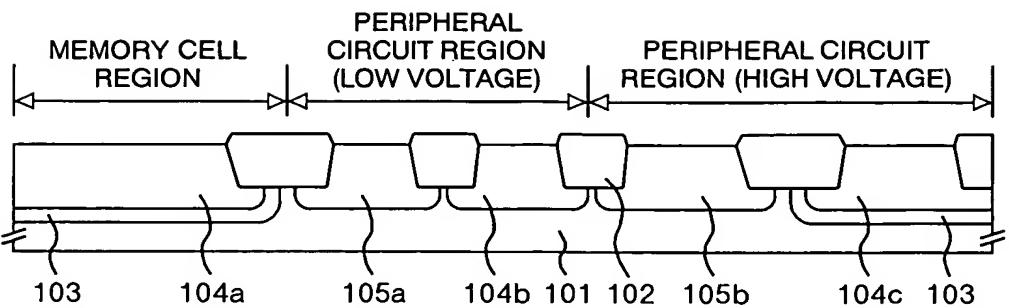


FIG. 4(b)

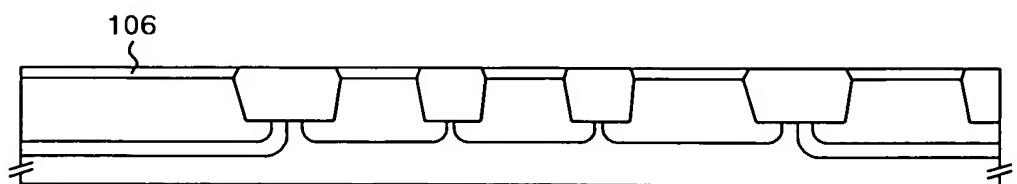


FIG. 4(c)

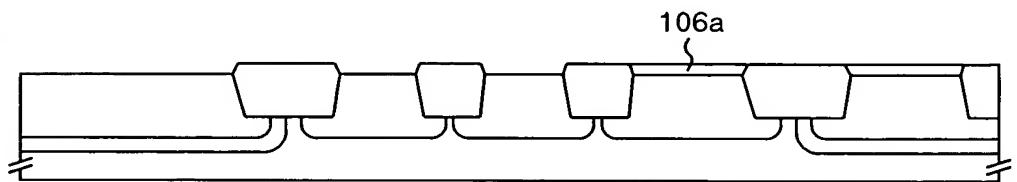


FIG. 4(d)

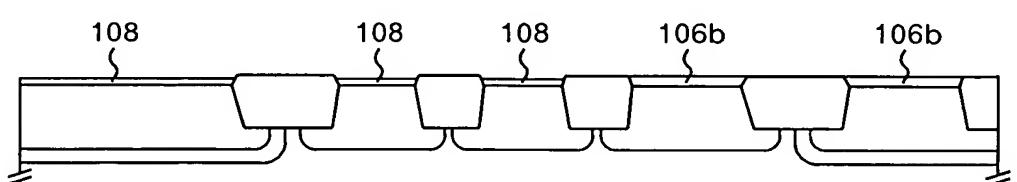


FIG. 4(e)

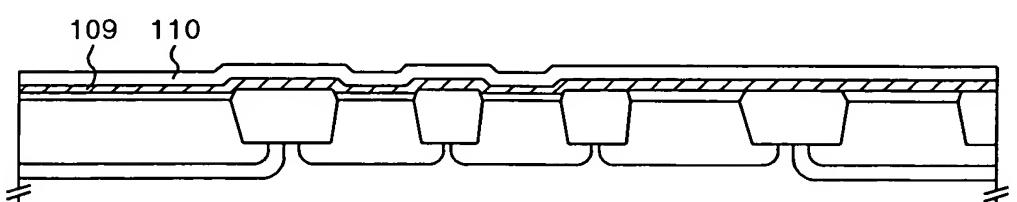


FIG. 4(f)

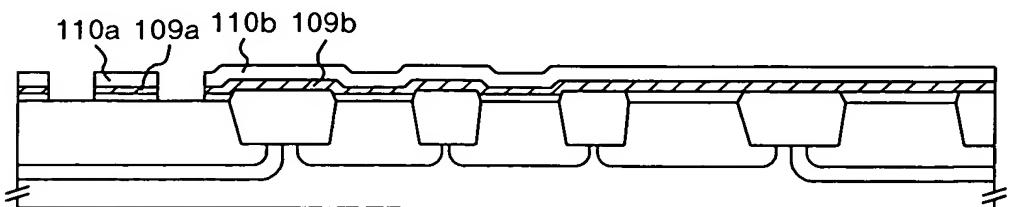


FIG. 5(a)

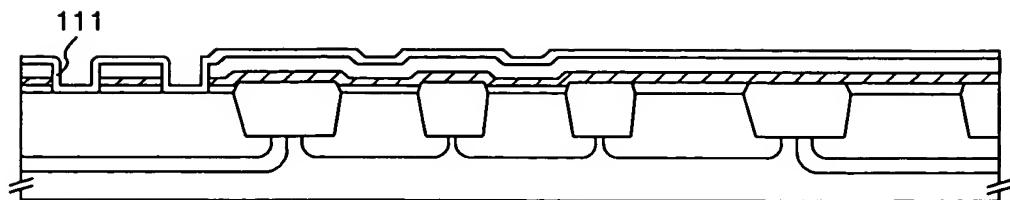


FIG. 5(b)

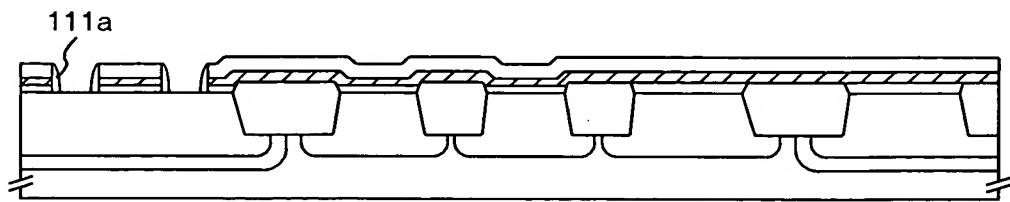


FIG. 5(c)

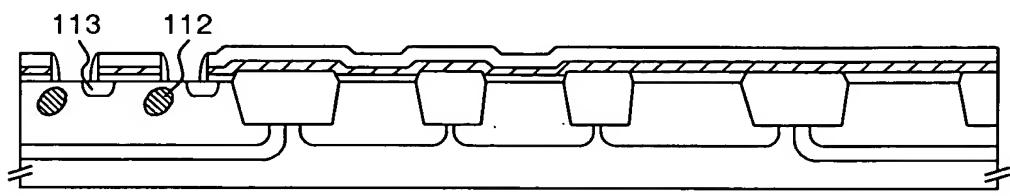


FIG. 5(d)

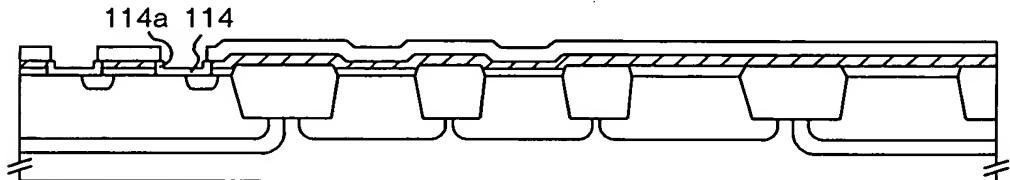


FIG. 5(e)

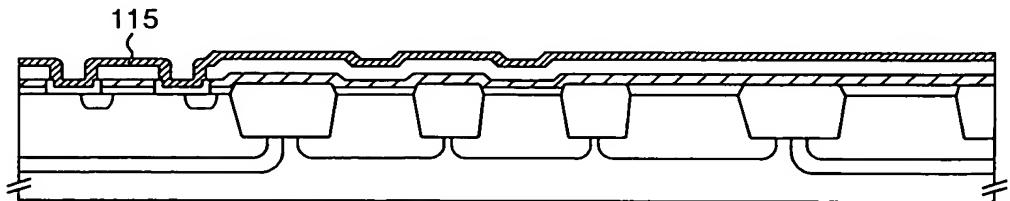


FIG. 5(f)

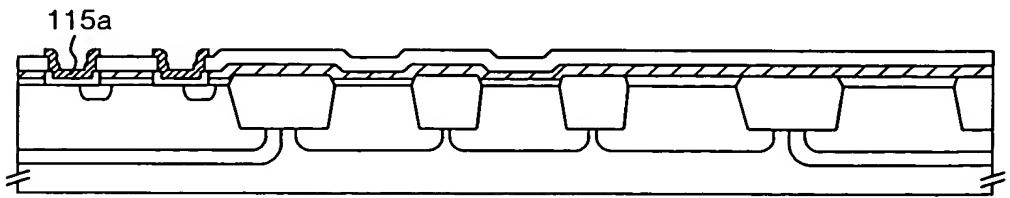


FIG. 6(a)

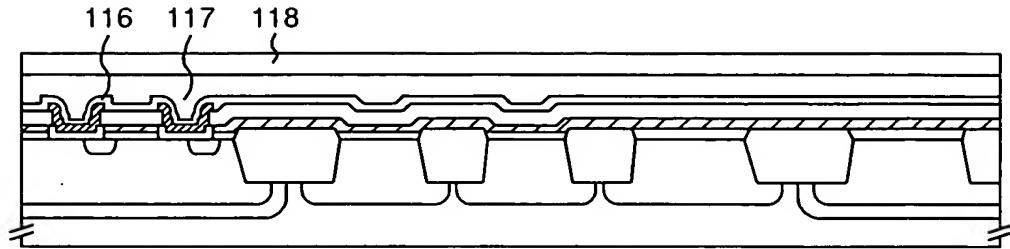


FIG. 6(b)

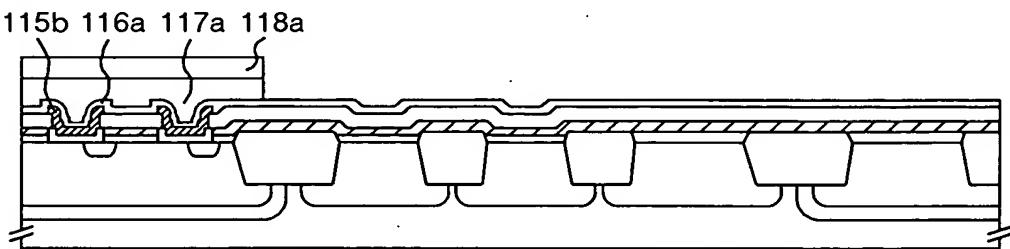


FIG. 6(c)

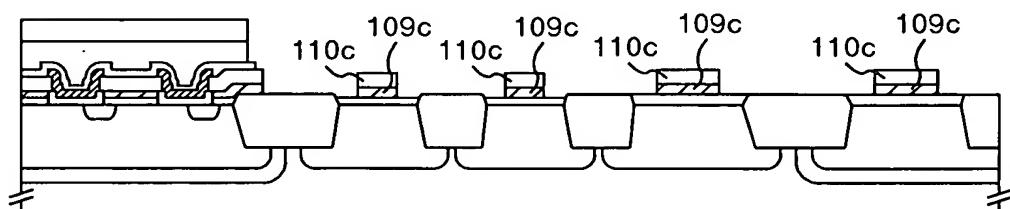


FIG. 6(d)

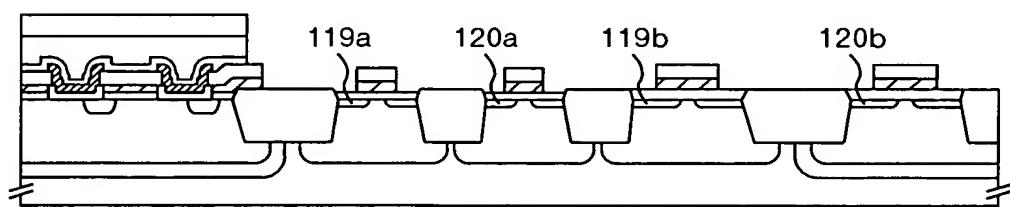


FIG. 6(e)

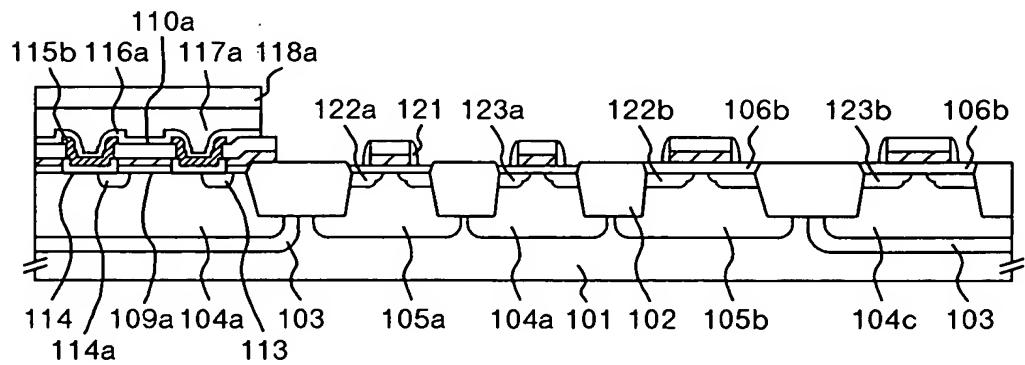


FIG. 7

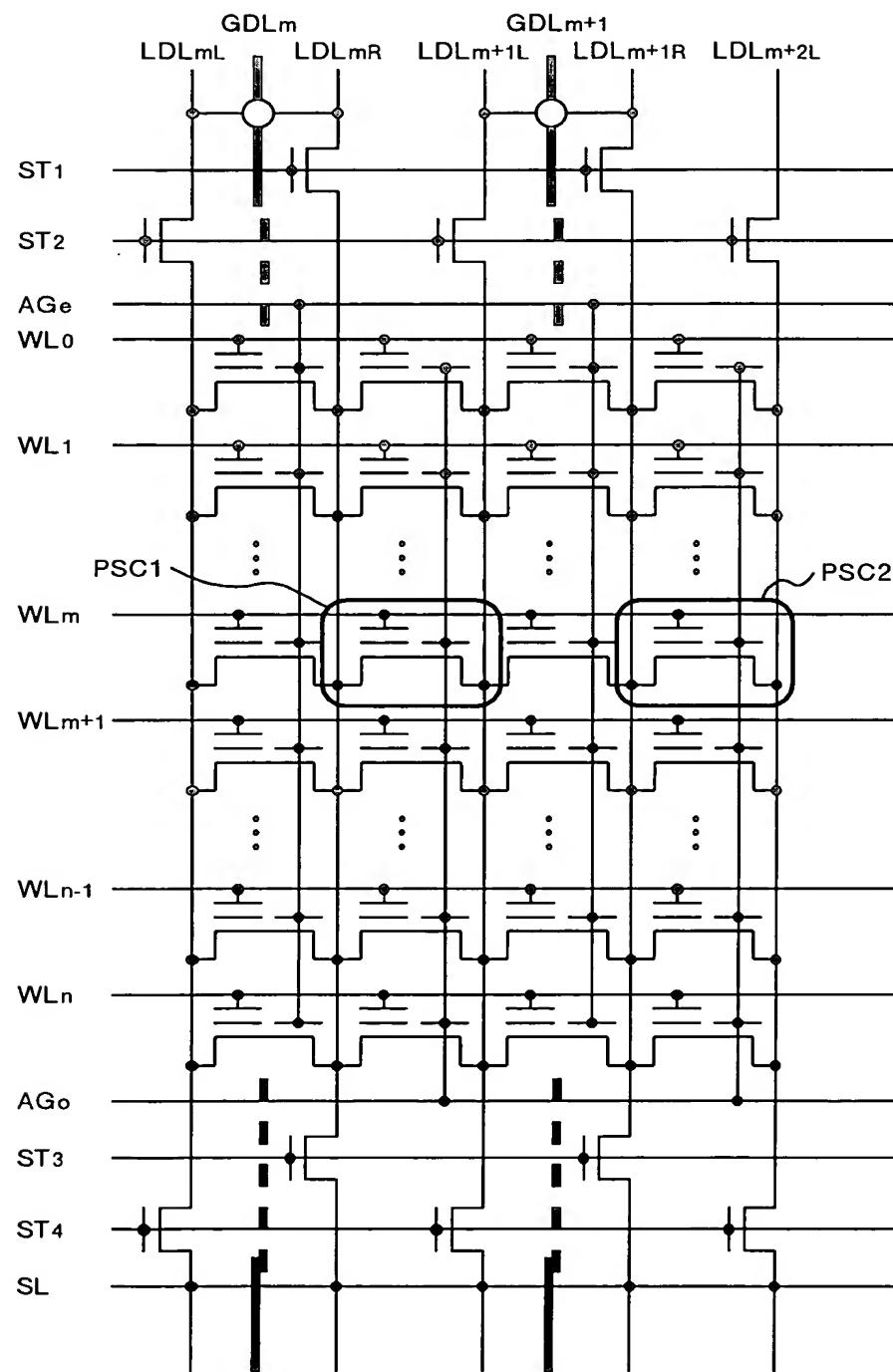


FIG. 8

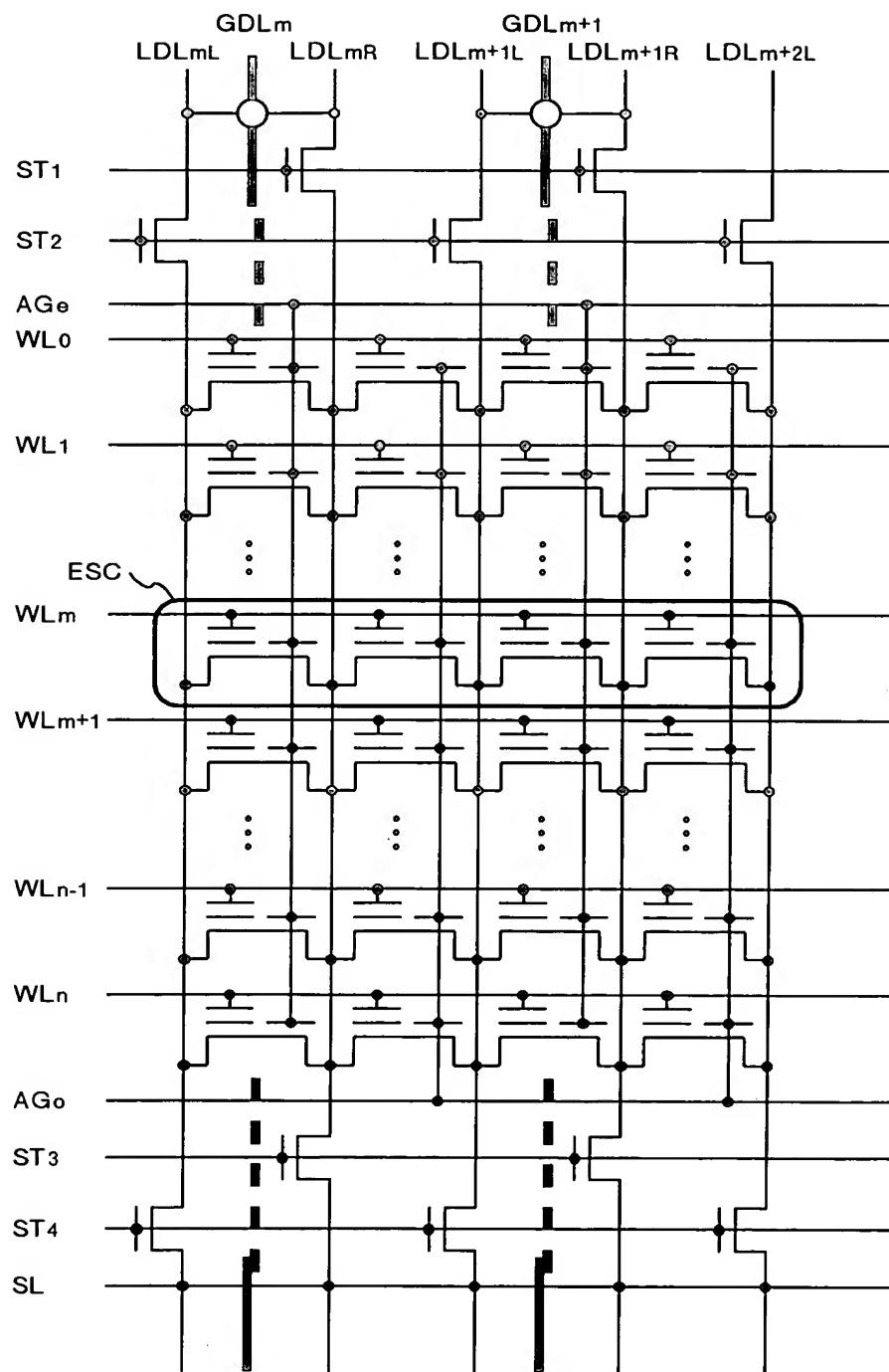


FIG. 9

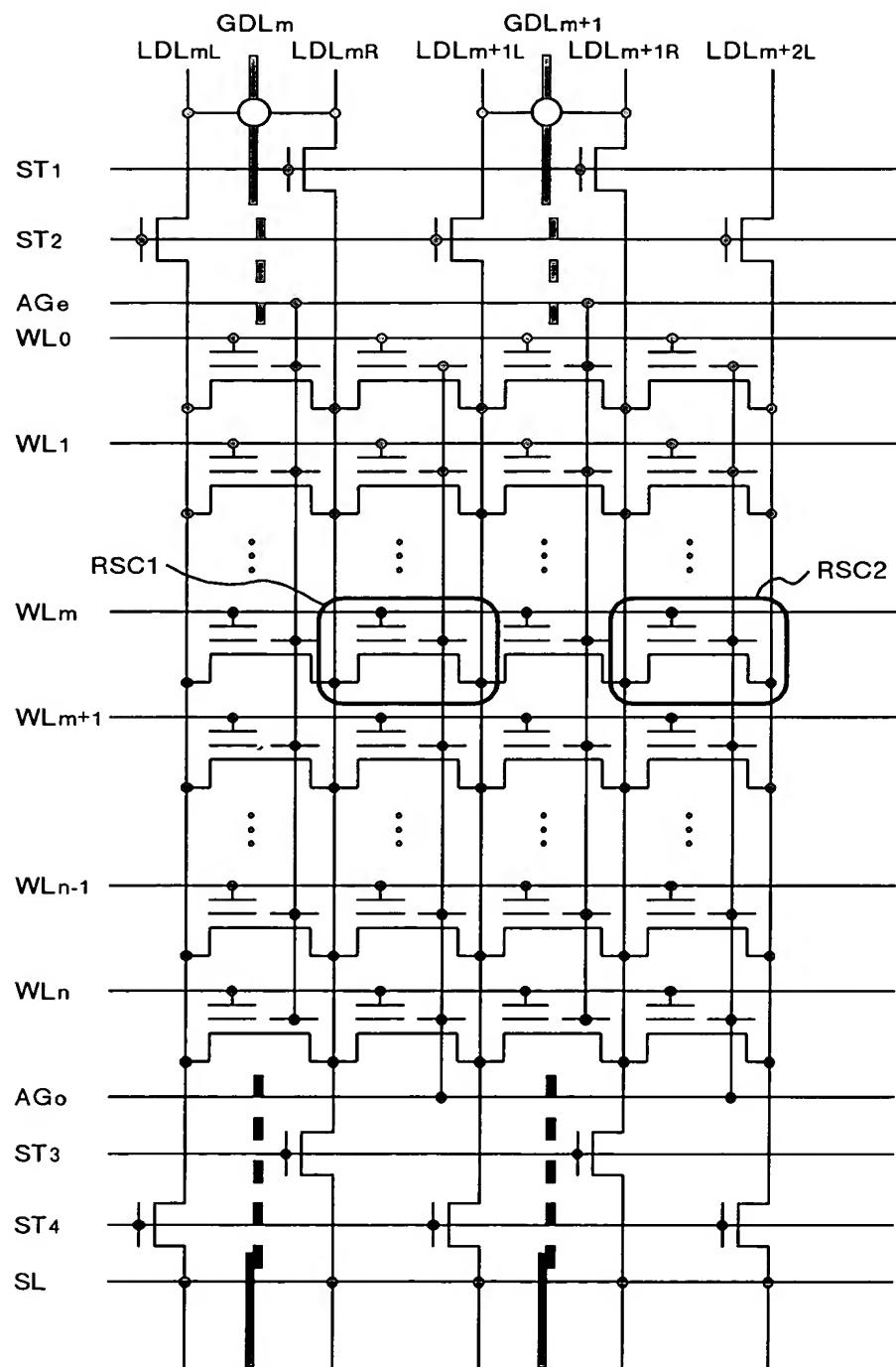


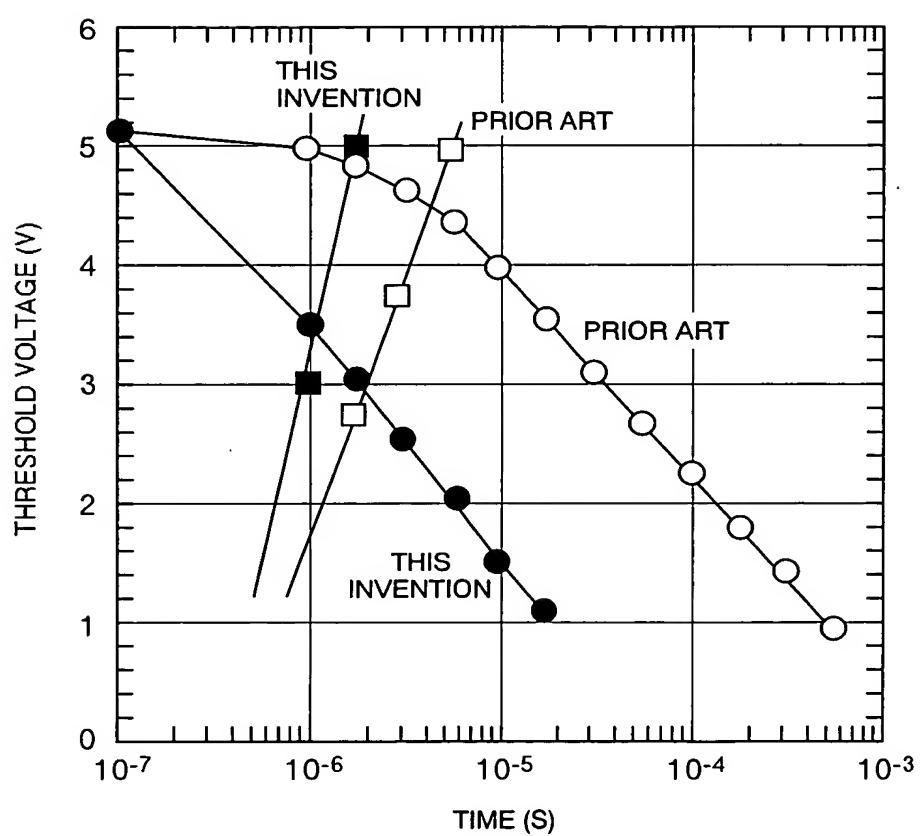
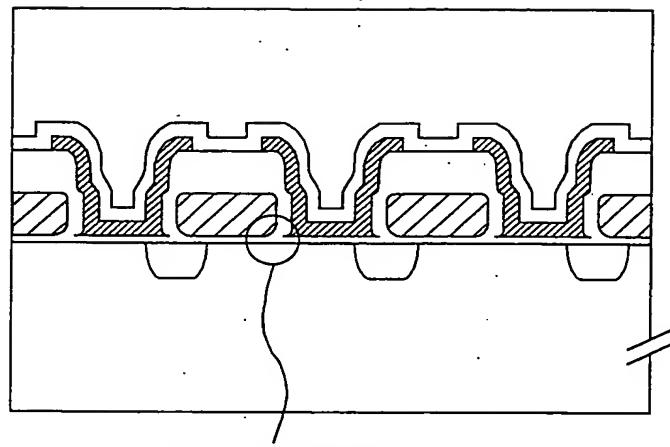
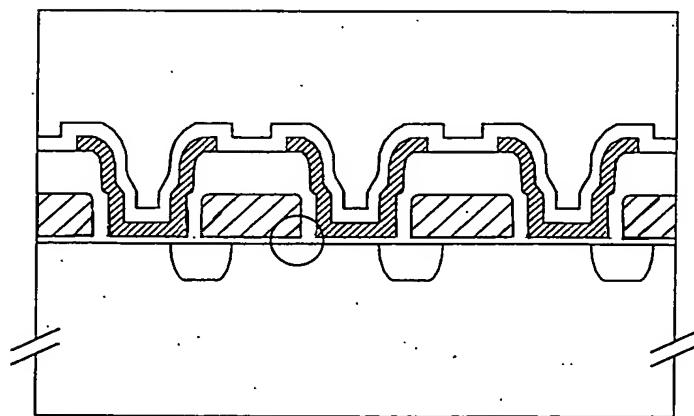
FIG. 10

FIG. 11(a)



GATE BIRD'S BEAK
WITHOUT SIDEWALL

FIG. 11(b)



WITH SIDEWALL

FIG. 12(a)

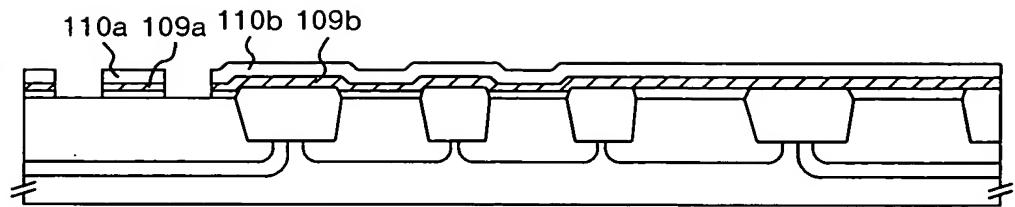


FIG. 12(b)

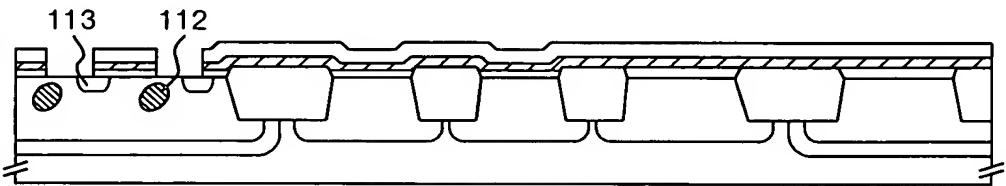


FIG. 12(c)

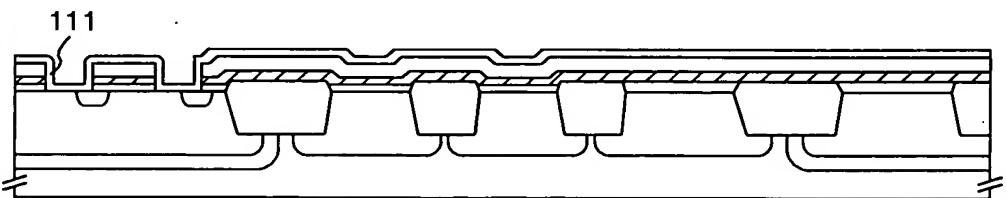


FIG. 12(d)

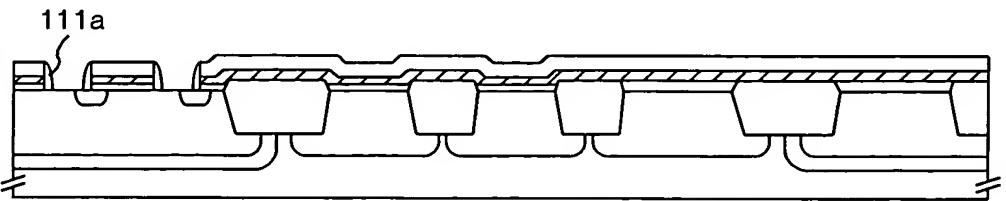


FIG. 13(a)

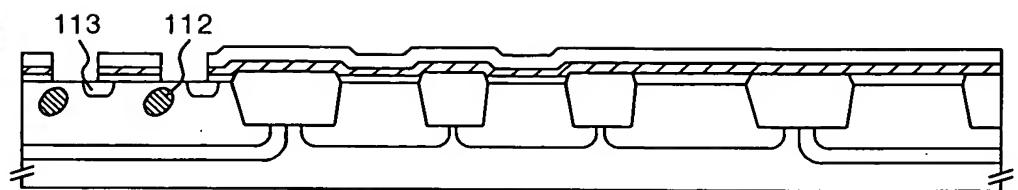


FIG. 13(b)

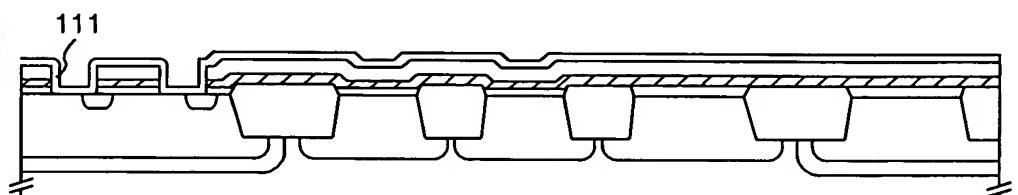


FIG. 13(c)

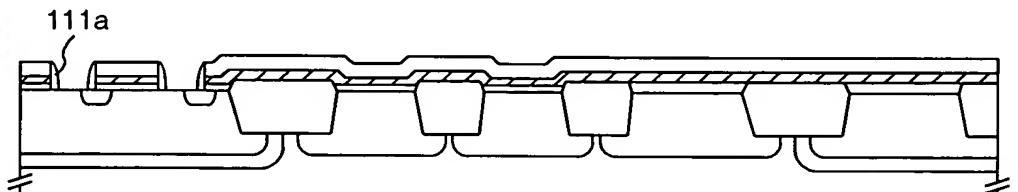


FIG. 13(d)

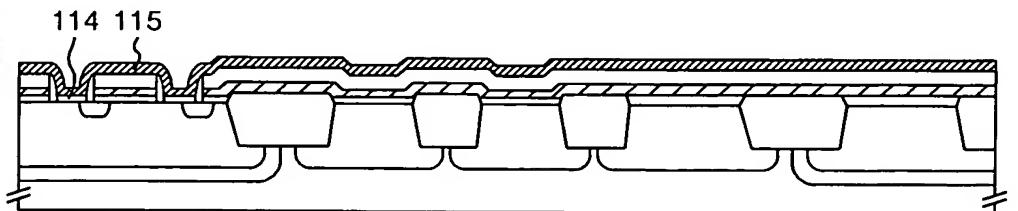


FIG. 14

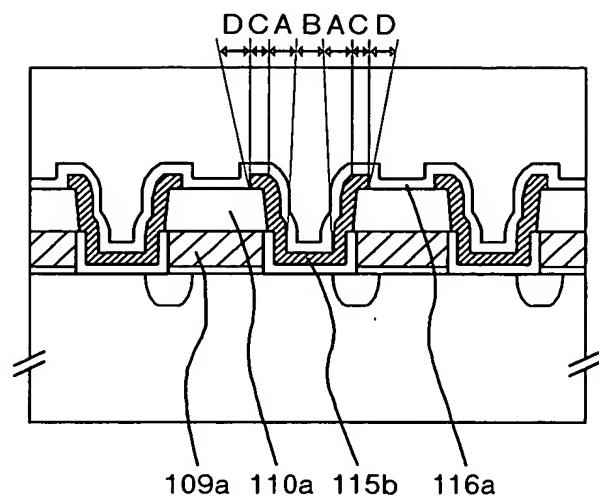


FIG. 15

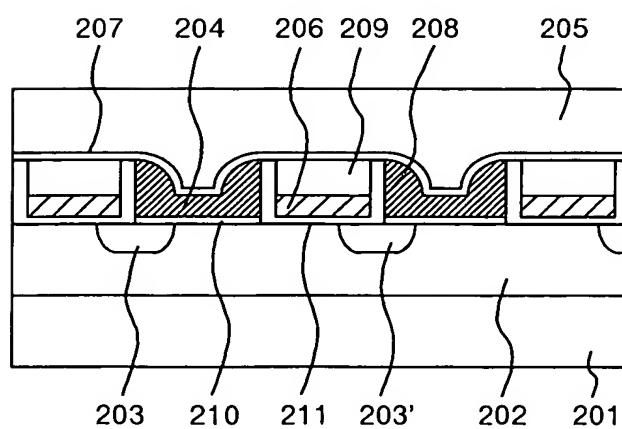


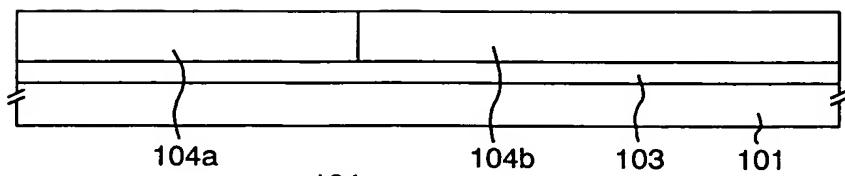
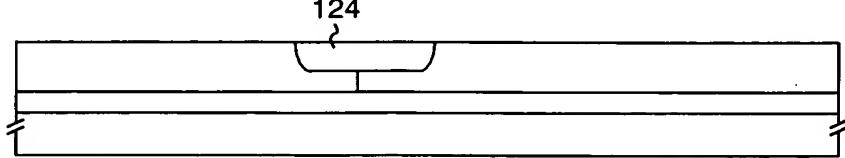
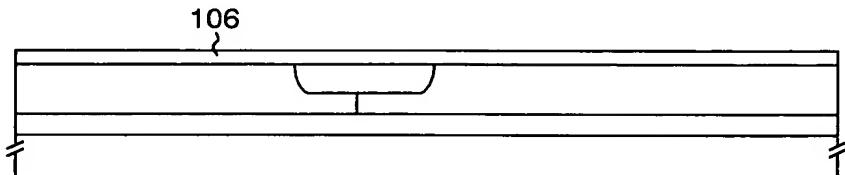
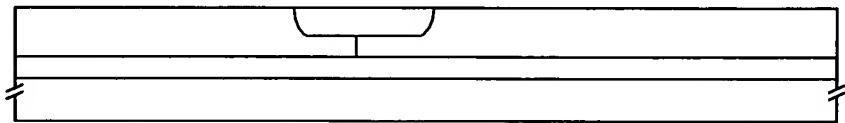
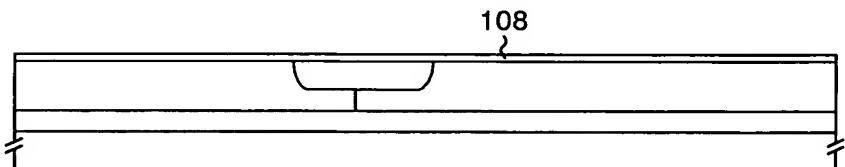
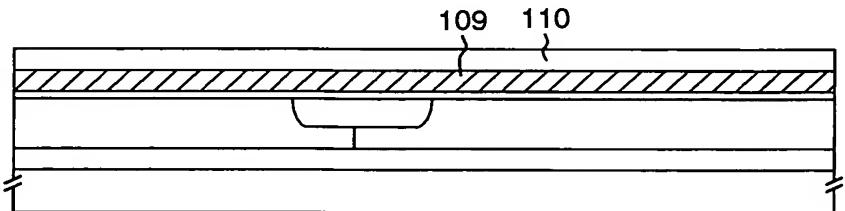
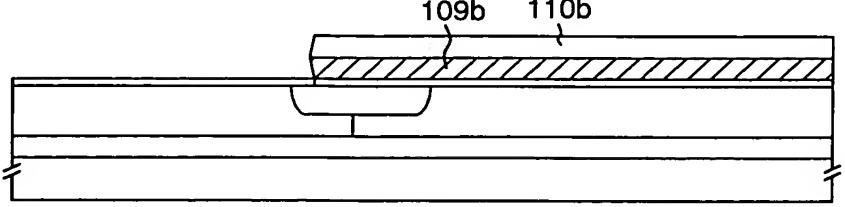
FIG. 16(a)*FIG. 16(a-2)**FIG. 16(b)**FIG. 16(c)**FIG. 16(d)**FIG. 16(e)**FIG. 16(f)*

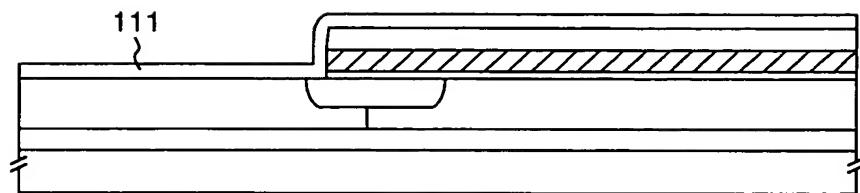
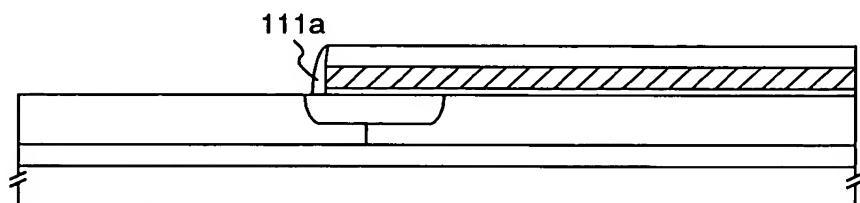
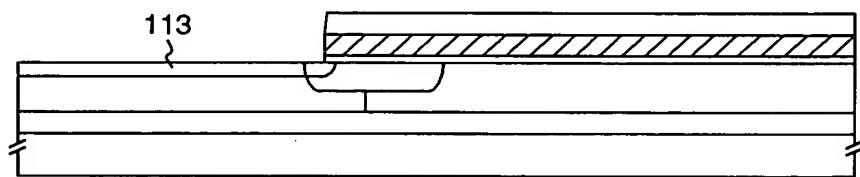
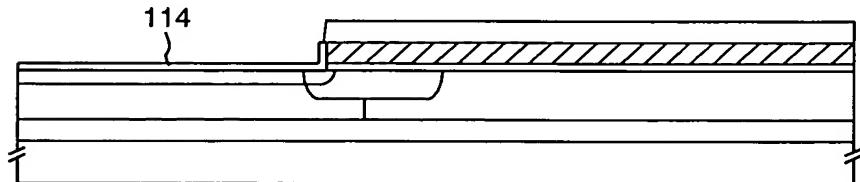
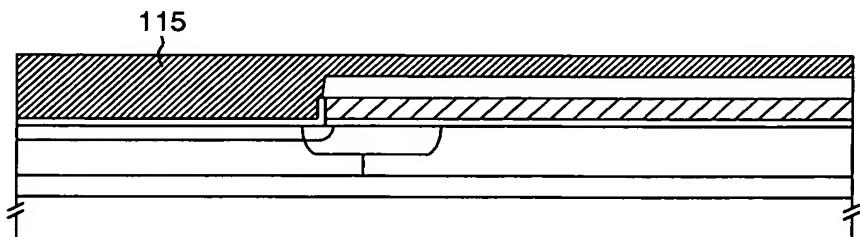
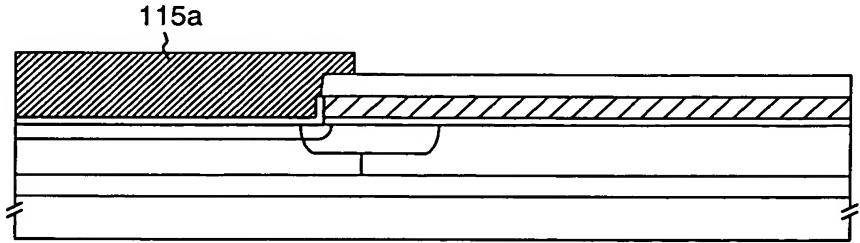
FIG. 17(a)*FIG. 17(b)**FIG. 17(c)**FIG. 17(d)**FIG. 17(e)**FIG. 17(f)*

FIG. 18(a)

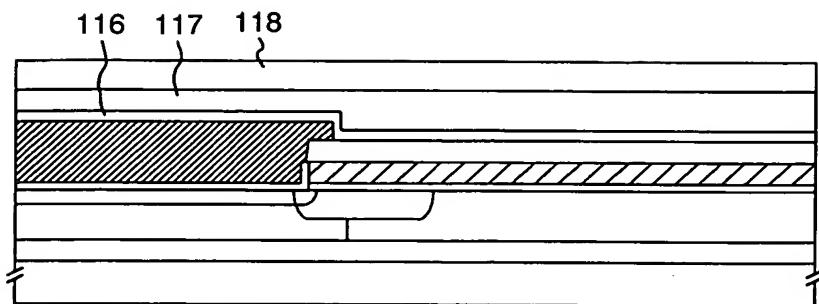


FIG. 18(b)

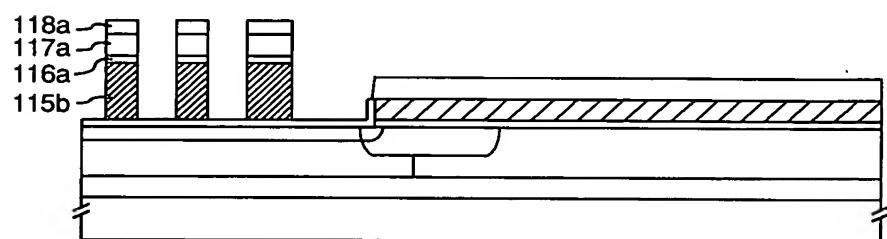


FIG. 18(c)

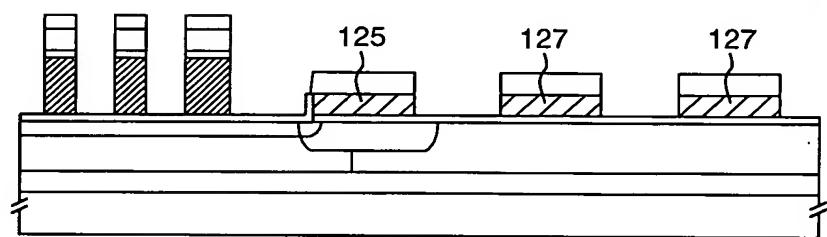


FIG. 18(d)

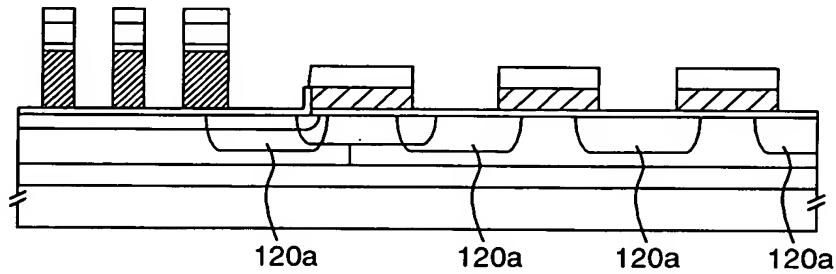


FIG. 18(e)

